

Zats, V.I.

Oceanographic factors of self-purification of seas from
pollution (Okeanograficheskie faktory samoochishcheniya
morej ot zagrjanenija)
Problemy morskoy biologii (V.A. Vodintsev, chief editor),
Akad. nauk Ukrainskoj SSR, inst. biologii iuzhnykh morej im.
A.O. Kovalevskogo, inst. "Naukova dumka," Kiev, 276p.: 227-232.
in Russian.

1971

Presented by USSR for U.S., Apr. 1974, op., typescript.

Avail. on can - USSR, Wash., D.C.

Original Article Checked *MR*

Isayev, A. S.

The use of game approaches in strength problems. 8 pp.
PROBLEMY NADEZHNOSTI V STROITEL'NOY MEKHANIKE, June
1968, pp. 30-34.
AIR/PTD-HT-23-0224-73

Reytmann, M. I.

Optimal designing of structures under the effect of
random loads. 8 pp.

PROBLEMY NADEZHNOsti V STROITEL'NOY MEKHANIKE,

June 1968, pp. 50-55.

AIR/FTD-HT-23 223-73

Bolotin, V. V.

Correlation of displacements in thin elastic shells
having random initial irregularities 8 pp.
PROBLEMY NADEZHNOSTI V STROITEL'NOY MEKHANIKE,
June 1968, pp. 163-168.
AIR/FTD/HT-23-234-73

Vol'mir, A. S.

Probability characteristics of the behavior of a
shallow shell in an acoustical field 8 pp.
PROBLEMY NADEZHNOSTI V STROITEL'NOY MEKHANIKE,
June 1968, pp. 169-174.
AIR/FTD/HT-23-236-73

Manevich, L. I.

Statistical properties of the load-carrying capacity
of smooth cylindrical shells. 8 pp.
PROBLEMY NADEZHNOSTI V STROITEL'NOY MEKHANIKE, June
1968. pp 182-187
AIR/FTD-HT-23-235-73

Movsisyan, L. A.

Stability of a cylindrical shell having random initial
stresses 7 pp.

PROBLEMY NADEZHNOsti V STROITEL'NOY MEKHANIKE,
June 1968, pp. 187-191.
AIR/FTD/HT-23-233-73

Yefimtsov, B. M.

Excitation of multispan plates in a random
acoustical field 6 pp.

PROBLEMY NADEZHNOSTI V STROITEL'NOY
MEKHANIKE, June 1968, pp. 234-238
AIR/FTD/HT-23-231-73

Goncharenko, V.M.

Random vibrations of distributed systems. 8 pp.
PROBLEMY NADEZHNOSTI v STROITEL'NOY MEKHANIKE,
June 1968, pp. 229-234.
AIR/FTD/HT-23-232-73

May 73

Gryaznov, B. A.

A study of the life of turbine blades operating under
stochastic conditions. 9 pp.
PROBLEMY NADEZHNOSTI V STROITEL'NOY MEKHANIKE,
June 1968, pp. 252-257.
AIR/PTD/HT-23-229-73

May 73

Kozlov, L. A.

Application of statistical methods to the determination
of vibrational intensity in turbomachine blades and
to the evaluation of their reliability. 6 pp.
PROBLEMY NADEZHNOSTI V STROITEL'NOY MEKHANIKE, June
1968, pp. 257-261.
AIR/FTD-HT-23-230-73

May 73

Kozlyakov, V.V.

Evaluation of endurance of structures during non-steady loading.
9 pp.
PROBLEMY NADEZHNOSTI V SROITELNOY NEKHANIKE,
June 1968, pp. 261-267
AIR/FTD/HF-23-0228-73

May 73

Raykher, V. L.

Hypothesis of spectral addition and its application
to determination of endurance under random loads. 9 pp.
PROBLEMY NADEZHNOSTI v STROITEL'NOY MEKHANIKE,
June 1968, pp. 267-273
AIR/FTD/HT-23-227-73

May 73

Belkin, V.

Aggregate Economic Model 16 pp

PROBLEMY OБSHCHESTVENNYKH NAUK BESEDY OB
ECONOMIKE, No 9, 1970, pp 25-32

FSTC-HT-23-736-71

Cherkinskii, S.N.

Protection of the environment from pollution.
PROBLEMY OKHRANY I RATSIONALNOGO
ISPOLZOVANIYA PRIRODNYKH RESURSOV, 1968,
pp 38-42.
NTC 73-12035-06 (Available on loan) ¹⁰⁻³ P(B)

Maksimov, Ye. V:

Rhythms on the Earth and in Space, Chapter 9
PROBLEMY OLEDENIYA ZEMLI I RITMY V PRIRODE, Leningrad,
Nauka, 1972, pp. 250-268
NASA TT F-14985

Maksimov. Ye. V.

Problems of terrestrial glaciation and cycles in nature. Chapter 9: Cycles on the earth and in the universe. 2^{1/4} pp.

PROBLEMY OLEDENENIYA ZEMLI I RITMY V PRIRODE,
1972, pp 250-268.
NASA TT F 14827

RUSSIAN

Comp. Sp.
2501CSO: 8144/1530
21 Feb. 1974

Problems of Optimal Planning in Foreign Economic Relations, by G.L. Shagalov.

Moscow, Problemy optimal'nogo planirovaniya vnesheekonomicheskikh svyazei, 1973, pages 77-105.

Spec type B
Do not publish
Include reproduction

Single spaced draft plus one

PROBLEMY PEREDACHI INFORMATSIY

PROBLEMS OF INFORMATION TRANSMISSION

COVER TO COVER CONSULTANTS BUREAU

BEGAN WITH 1965 ISSUES

DOBRUSHIN, R. L.
//PROBLEMY PEREDACHI INFORMACII//
--/--/1971, V0007, N0002,
Markov Processes with a Large Number of Locally
Interacting Components--The Existence of a Limit
Process and Its Ergodicity, 31 pp.
pp 70-87, FSTC-HT-23-265-73@2

Space-Time Characteristics of Linear Channels with
Variable Parameters, by N. Ye. Kirillov.
PROB PERED INFORMATSII, Vol 8, No 2, 1972,
pp 40-46.
NAVY/APL/JHU-T-2706

May 73

TENENGOVTS, G. M.
//PROBLEMY PEREDACHI INFORMATSII//
--/-1972, V0008, N0003,
A Code for Correcting Bursts of Errors and its
use in Exchanging Information Between Computers,
pp 27-37, New Series, NTC 74-10773-09B@@

Krasyukov, A. F.

Investigation of the desulfurization and decalcification of sulfurous petroleum coke.
PROBLEMY PERERABOTKE VYSOKOSENISTYKH NEFTEI.
OSTRALEVAYA KONFERENSIYA PO PERERABOTKE VYSOKO-
SERNISTYKH NEFTEI, p. 119-126, 1966.
NTC 73-10757-21D

may 73

Krasyukov, A. F.

On the application of electrocalciners for the
desulfurization of petroleum coke.

PROBLEMY PERERABOTKI VYSOKOSERNISTYKH NEFTEI.

OSTRALEVAYA KONFERENSIYA PO PERERABOTKE VYSOKO-
SERNISTYKH NEFTEI. p. 137-138, 1966.

NTC 73-10758-21D

may 73

Siunyaev, Z. I.

High temperature desulfurization of petroleum cokes in a multistage apparatus with a discharge chamber under isothermal conditions.

PROBLEMY PERERABOTKI VYSOKOSERNISTYKH NEFTEI.
OSTRALEVAYA KONFERENTSIIA PO PERERABOTKE
VYSOKOSERNISTYKH NEFTEI, p. 224-234, 1966.

NTC 73-10756-21D

may 73

Marchuk, G. I.

Numerical methods of solving weather forecasting
problems. 12 pp

PROBLEMY PRIKLADNOY MATEMATIKI I MEKHANIKI SBORNIK

STATEY, 1971, pp 156-162

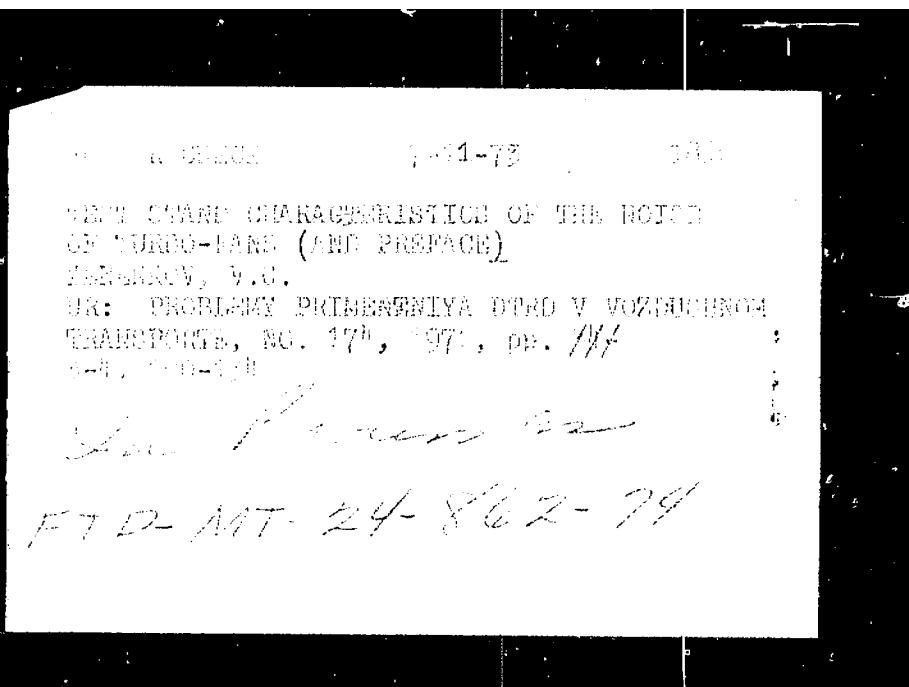
AIR/FTP-HT-23-417-74

REQ TR CHECK . . . 13-07-73 T056

EXPERIMENTAL INVESTIGATION OF THE STREAM-
LINING OF A CYLINDER WITHA FLAT ENGINE
~~EXPERI~~/ RYABINKOV, G.M.; RYABINKOV, A.G.
UR: PROBLEMY PRIKLADNOY MATEMATIKI I M
MEKHANIKI BOGOLYUBOV, 1971, pp. 269-278

Process in as

HIS 74-23-0056



L.A. CHESCA

7-41-73

T863

SOME PROBLEMS OF THE CREATION OF AN OPEN
TEST BED FOR ACOUSTIC RESEARCH OF TURBO-FANS
BALMAKOV, A.I.; YENENKOV, V.G.
UR: PROBLEMY PRIMENENIYA DTRD V VOZDUSHNOM
TRANSPORTE; NO. 174, 1971, pp. 135-150

See Previous Box

FTD-MT-24-363-74

Ishchenko, I. I.

Effect of heat resistant coatings on fatigue life
of heat resistant alloy
PROBLEMY PROCHNOSTI. KIEV, n. 10, 1971, pp. 75-81
NTC 73-13011-221
NLL INC 746-1236

EVALUATION OF THE EFFECTS OF RESIDUAL STRESSES
ON BRITTLE STRENGTH OF WELDED CON

CHEREPANOV, G. LANGUAGE-RU COUNTRY-UR

PROBLEMY PROCHNOSTI NO. 12, 1971 PP 30-35

FSTC-HT-23-1380-73

Getsov, L. B.

Cyclic Creep and relaxation of Heat Resistant Alloys
PROBLEMY PROCHNOSTI. KIEV, v. 1, n. 5, 1969, p. 34-38
NTC 73-11805-11F
NTIS N72-12459

Trapeznikov, D. A.

Estimate of the heat resistance of graphites in a
broad temperature range ^{5pp}
PROBLEMY PROCHINOSTI, n. 9, 1972, pp. 18-21
NTC 73-13053- 20K
X-7743

ZABASHTA, L. A.
//PROBL. PROCHNOSTI//
--/10/1972, V0004, N----,
Strength of thin intermediate layers
PP 111-115, NASA TT F 15216##

UNIT FOR STUDYING THE STRENGTH AND DEFORMABILITY OF HIGH STRENGTH BRITTLE MATERIAL

OKHRIMENKO, G., LANGUAGE-RU COUNTRY-UR *complete 7/14*

PROBLEMY PROCHNOSTI, NO. 1, 1973, 122-24.

FSTC-HT-23-0672-74

SELECTION OF A METHOD OF DETERMINATION OF FRA
CTURE TOUGHNESS ON THE BASIS OF EX

PISARENKO, G., LANGUAGE-RU COUNTRY-UR

PROBLEMY RROCHNOSTI, #3/73, 18-24.

* FSTC-HT-23-0695-74

Tret'achenko, G. N.

Influence of Transient Conditions on the Overall Service
Life of Turbine Blades

PROBLEMY PROCHNOSTI, VOL. 5, March 1973, p.3-6, A73-30676
NASA TT F-15,113

Morel, S.

Survey of Construction and Application of Plasma Furnace.
PROBLEMY PROJEKTOWE, 1969, No.10, pp.301-308.
BISI 9804

Burukovskii, R.N.
Feeding of Penaeus duorarum Burkenroad off the coast of
Mauritania (Pitanie rozovoy krevetki (Penaeus duorarum)
Burkenrooda) u poberezh'ya Mauritanii)
Problemy promyslovoi hidrobiologii. Trudy Vsesoiuznogo
nauchno-issledovatel'skogo instituta morskogo rybnogo
khoziaistva i okeanografii. (VNIRO) 65. Moscow, 463p.:
817-423. (In Russian.)

1969

"Transl. by IPS" for NMFS, Jan. 1972, 8p., typescript.
Avail. on loan - NMFS, Washington, D.C.

Original Article Checked *JK*

Sheynin, V. M.

Problems of designing passenger aircraft.
PROBLEMY PROYEKTIROVANIYA PASSAZHIRSKIKH SAMOLETOV, 1972
308 pp
*NASA TT F 808

Szeworski, Jerzy

Long-Range Development of Construction Industry
Capability Noted, 12 pp.
PROBLEMY ROZWOJU BUDOWNICTWA, Warsaw, No 2,
Mar-Apr 73, pp 32-36.
JPRS 59990

Oct 73

ЗАДОВІСТІ, РЕЙНД
//ПРОБЛЕМІ ВОЗМОЖНОСТІ ВІДОВЛІКУ//
--/-/1974, /----, N0003, pp 0036-0039
May-Jun 1974
Objectives, Tasks, Organization of Housing
Industry Outlined 10 pp
JPRS 63599
n

Problems of Regional and Spatial Development in
Europe and in the United States 169 pp

PROBLEMY ROZWOJU REGIONALNEGO I ZAGOSPODAROWANIA PRZES-
PRZESTRZENNEGO W EUROPIE I W STANACH
ZJEDNOCZONYCH BIULETYN ZESZYT 54 1970

NTIS-TT-71-54029

Use of Hydroelectric Resources of Soviet North
Discussed, by V. A. Ryl'skiy, 17 pp.
RUSSIAN, per, Problemy Severa, Moscow, No 17,
1972, pp 71-82.
JPRS 58923

Mar 73

Siting Plants to Make Building Structure in
North Argued, by V. V. Nesterov, I. D. Vilkrev,
7 pp.
RUSSIAN, per, Problemy Severa, Moscow, 1972,
pp 128-132.
JPRS 58651

Apr 73

More Transportable Construction Facilities for
North Urged, by A. B. Nemchinskiy, 12 pp.
RUSSIAN, per, Problemy Severa, Moscow, 1972,
pp 133-140.
JPRS 58651

Apr 73

The Standard for Machinery Used in the North,
by A. S. Vazetdinov, 7 pp.
RUSSIAN, per, Problemy Secera, Moscow, No 17,
1972, pp 169-173.
JPRS 58753

Apr 73

The New Class of Excavators, by P. Z. Petukhov,
6 pp.
RUSSIAN, per, Problemy Secera, Moscow, No 17,
1972, pp 174-177.
JPRS 58753

Apr 73

Kerimov, D. A.

Problems of Social Planning.

6 pp

PROBLEMY SOTSIAL'NOGO PLANIROVANIYA, Moscow, 1974,
pp a-c, 215, 3-5, 211-214.

JPRS 63179

13-Mar-74

UncI (AEC-tr--7509) Problems on development of
superconducting power transmission lines. BENDIK, N.T.;
BLINKOV, E.L. (EDS.). (USAEC TECHNICAL INFORMATION
CENTER, OAK RIDGE, TENN.). 1973. Translation of
Problemy sozdaniya sverkhproyodyashchikh liniy, 1973,
Moscow. 36p. Dep. NTIS \$4.00.

09 electronics and electrical engineering; translations
MN-13 P NSA

INVESTIGATION OF METALLURGICAL PROCESSES IN E
LECTROSLAG REMELTING

BOGORISHVILI, LANGUAGE-RU COUNTRY-UR

PROBLEMY STALNOGO SLITKA, TRUDY IV KONF. PO S
LITKU, 1969, PP 277-279

FSTC-HT-23-0437-74

UMED'YAN. V.V.
//PROBLEMY TEKHNICHESKOY ELEKTRODINAMIKI//
--/---/1970, V----, N----,
Calculation of steady state operating conditions over
a small time interval during the numerical integration
of the differential equations for transient
electromechanical processes of power systems 6 pp
pp 82-85 FSTC-~~XT~~-23-252-73
DISTRIBUTION LIMITED TO U.S. GOV'T AGENCIES ONLY//

THYRISTOR CONTROL OF AN INDUCTIVE CAPACITIVE
CONVERTER FOR CHARGING CAPACITIVE

VAKULENKO, V. M

LANGUAGE-RU COUNTRY-UR

complete

PROBLEMY TEKHNICH. ELEKTRODINAM. VYP. 29, '71,
61-65.

FSTC-HT-23-0953-74

Problems of Theoretical Physics, Issue No I: Quantum
Mechanics, and Subsequent Issues, by Yu. V. Novozhilov.
PROBLEMY TEORETICHESKOY FIZIKI SBORNIK STATEI, Vyp I:
KVANTOVAYA MEKHANIKA, 1973.
*IPST

May 73

Brezhnev, V. S.

Geometrical Theory of Gravitation and Electricity.

PROBLEMY TEORII GRAVITATSII I ELEMENTARNYKH
CHASTITS, No. 3, Atomizdat Moscow 1970, pp 75-
102.

ARM/FSTC/HT-23-2315-72

KOLESNICHENKO, L. S.
//PROBLEMY TRENIIA I IZMASHUVANIYA//
--/-/1971, V0001, N----,
Oxidation and Corrosion Processes Accompanying
Friction,
pp 140-147, MTC 74-10932-111P66

PROBLEMS OF FRICTION AND WEAR, #2

DEMGIN, N. ETAL LANGUAGE-RU COUNTRY-UR

PROBLEMY TRENIYA I IZNASHIVANIYA, #2

"TEKHNIKA", KIEV, 1972, P. 3-150.

FSTC-HT-23-0046-74

Parin, V. V.

The Problem of Control of Human and Animal
Organism Functions, in the Light of Present
Achievements in Biology, Physiology, and
Biocybernetics.

8 pp

PROBLEMY UPRAVLENIYA FUNKTSIYAMI ORGANIZMA
CHELOVEKA I ZHIVOTNYKH, Moscow, 1973, pp 6-14.
JPRS 59818

Shabadash, A. L.

Cytochemical Premises of Neurocybernetics on
the Cellular Level.
8 pp

PROBLEMY UPRAVLENIYA FUNKSIYAMI ORGANIZMA
CHELOVEKA I ZHIVOTNYKH, Moscow, 1973, pp 37-46.
JPRS 59818

Galler, Ye. S.

Meaning of the Concept of 'Control' in Bio-cybernetics.

5 pp

PROBLEMY UPRAVLENIYA FUNKTSIYAMI ORGANIZMA
CHELOVEKA I ZHIVOTNYKH, Moscow, 1973, pp 15-20.

JPRS 59818

Chernyshev, M. K.

Ways and Means of Investigating Biological
Control Systems.

14 pp

PROBLEMY UPRAVLENIYA FUNKTSIYAMI ORGANIZMA
CHELOVEKA I ZHIVOTNYKH, Moscow, 1973, pp 21-36.
JPRS 59818

Khanin, M. V.

Investigation of Some Aspects of Mechanism of
Circulation in man.

13 pp

PROBLEMY UPRAVLENIYA FUNKSIYAMI ORGANIZMA
CHELOVEKA I ZHIVOTNYKH, Moscow, 1973, pp 47-61.
JPRS 59818

Kassil', G. N.

Control of Physiological Functions by Regulating
Neurohumoral-Hormonal Correlations in the
Organism.

7 pp

PROBLEMY UPRAVLENIYA FUNKTSIYAMI ORGANIZMA
CHELOVEKA I ZHIVOTNYKH, Moscow, 1973, pp 84-92.

JPRS 59818

Beletskiy, Yu. V.

Possible Use of Methods of Automatic Regulation
Theory to Analyze Arterial Pressure Changes
Following Physical Loads.

11 pp

PROBLEMY UPRAVLENIYA FUNKTSIYAMI ORGANIZMA
CHELOVEKA I ZHIVOTNYKH, Moscow, 1973, pp 72-83.
JPRS 59818

Latash, L. P.

Emotional and Motivational Mechanisms of Controlling Activity of the Brain.

12 pp

PROBLEMY UPRAVLENIYA FUNKTSIYAMI ORGANIZMA
CHELOVEKA I ZHIVOTNYKH, Moscow, 1973, pp 116-128.

JPRS 59818

Semenova, T. D.

Circadian Organization of Sodium-Excreting
Function of the Salivary Glands and Its Signi-
ficance for Evaluation of Adaptational Capa-
bilities of the Organism.

Dpp

PROBLEMY UPRAVLENIYA FUNKTSIYAMI ORGANIZMA
CHELOVEKA I ZHIVOTNYKH, Moscow, 1973, pp 104-115.
JPRS 59818

Gekht, B. M.

Control Systems of the Brain and Mechanisms of
Disturbances of Autonomic Regulation.

6 pp

PROBLEMY UPRAVLENIYA FUNKTSIYAMI ORGANIZMA
CHELOVEKA I ZHIVOTNYKH, Moscow, 1973, pp 133-139.
JPRS 59818

Kistenev, B. A.

Analysis of Control of Enunciation in Individuals
Sustaining a Cerebrovascular Accident.

5 pp

PRBLEMY UPRAVLENIYA FUNKTSIYAMI ORGANIZMA
CHELOVEKA I ZHIVOTNYKH, Moscow, 1973, pp 140-
144.

JPRS 59818

Grigor'yan, R. A.

Neurophysiological Analysis of Neuronal Reactions
of the Cat's Cerebellum in Response to Adequate
Stimulation of the Vestibular Apparatus.
5 pp

PROBLEMY UPRAVLENIYA FUNKTSIYAMI ORGANIZMA
CHELOVEKA I ZHIVOTNYKH, Moscow, 1973, pp 145-149.
JPRS 59818

Kozyreva, Ye. A.

Some Methodological Problems of Forecasting in
Biology and Medicine.

10 pp

PROBLEMY UPRAVLENIYA FUNKSIYAMI ORGANIZMA
CHELOVEKA I ZHIVOTNYKH, Moscow, 1973, pp 156-166.
JPRS 59818

Gurovskiy, N. N.

The Problem of Screening and Training Cosmonauts
in the Light of Forecasting Theory.
5 pp

PROBLEMY UPRAVLENIYA FUNKTSIYAMI ORGANIZMA
CHELOVEKA I ZHIVOTNYKH, Moscow, 1973, pp 167-
171.

JPRS 59818

Naumov, B. N.

ASVT-M Control Computer Complexes and the Future of
Their Development.

6 pp

PROBORY I SISTEMY UPRAVLENIYA, Moscow, No 4,
1974, pp 4-5.

JPRS 62257

MAR'YANOVICH, S.

//PROCEEDING OF THE 7th INTERNATIONAL ANALOG
COMPUTER MEETING CONFERENCE OF HYBIRD COMPUTERS
PRAGUE//

--/08/1973, v----, N----

GVS-100 Analog section 10pp
pp 309-312 ARM/FSTC/HT-23-0726-74#

KOGAN, B.
//PROCEEDINGS OF THE 7TH INTERNATIONAL ANALOG
COMPUTER MEETING CONFERENCE ON HYBIRD COMPUTERS
PRAGUE//
--/08/1973, V----, N----
The GVS-100 Hybird computer system 8 pp
pp 301-304 ARM/FSTC/HT-23-0727-74##

High-melting oxide and carbide materials in the
electrode walls of MHD generators. 24 pp.
PROCEEDINGS OF THE SYMPOSIUM ON MAGNETOHYDRODYNAMIC
ELECTRICAL POWER GENERATION. INTERNATIONAL ATOMIC
ENERGY AGENCY at Warsaw, Vol 5, 1968, pp 3031-3058.
AIR-FTD-MT-24-770-73

Gordon, V. G.

Olivera, Carlos Delgado
Political-Theoretical Thoughts on the Revolu-
tion, 16 pp.
GOVERNMENT USE ONLY
PROCESO, Lima, No 4, Aug 74, pp 44-56.
JPRS/L 5068

NOV 74

Ecology and Development, 9 pp.
GOVERNMENT USE ONLY
PROCESO, Lima, No 4, Aug 74, pp 68-73.
JPRS/L 5068

Nov 74

Ecology and Development, 9 pp.
PROCESO, Lima, No 4, Aug 74, pp 68-73.
JPRS 63249

Nov 74.

STRENGTH AND DEFORMABILITY OF FIBERGLASS SUBJ
ECTED TO BIAXIAL COMPRESSION

BELYANKIN, F. P LANGUAGE-RU COUNTRY-UR

PROCHNOST' I DEFORMATIVNOST' STEKLOPLASTIKOV
PRI DVUKHOSNOM SZHATII

NAUKOVA DUMKA, KIEV, 1971, 153PP.

FSTC-HT-23-0747-74

REQ TR CHECK 18-05-73 T881

THE DURABILITY AND DEFORMATION OF FIBER-GLASS AT TWO-AXIAL COMPRESSION (SELECTED ARTICLES)

BELYANKIN, F.P.; YATSENKO, V.F.; MARGOLIN, G.G.
UR: PROCHNOST' I DEFORMATIVNOST'
STEKLOPLASTIKOV PRI DVUKHOSNOM SZHATII,
1971, pp. 3-4; 28-29

*Print in as
HTS-23-796*

Meyerson, I. L.

The use of variable pitch in alignment units of a
compressor for reducing rotor vibrations. 15 pp.
PROCHNOST I DINAMIKA AVIATSIONNYKH DVIGATELEY, No 5,
1969, pp 102-112
AIR/FTD-HT-23-339-73

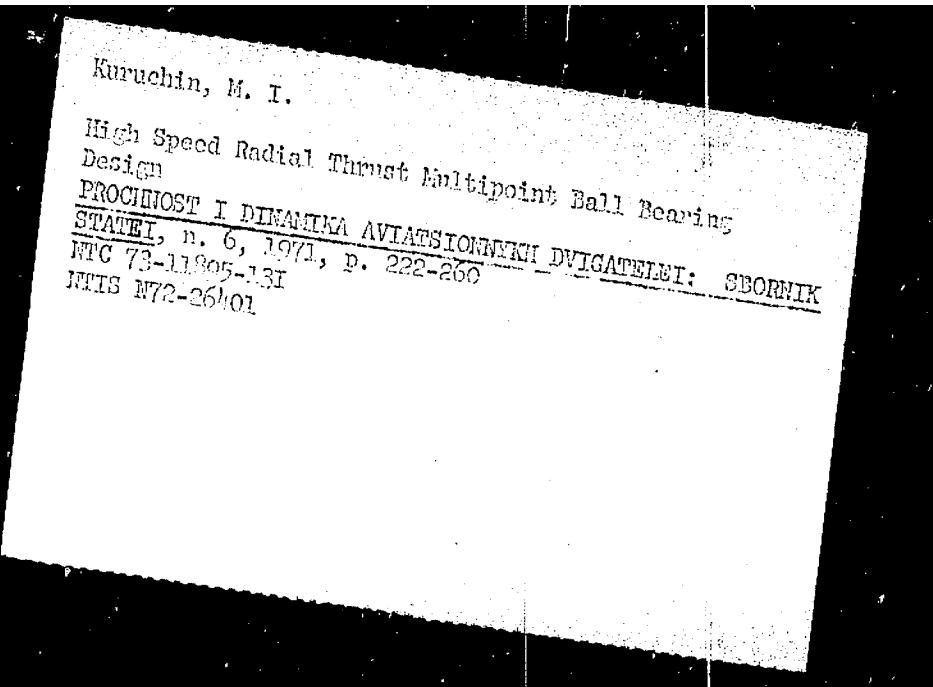
Tyulenev, V.N.

Determination of the damping characteristics of the materials of a specimen (or a blade) during resonant oscillations excited by an electrodynamic vibrator.
PROCHNOST I DINAMIK A AVIATSIONNI DVIGATELYI SEORNIK STATEI, No5, Mashinostroenie, 1969, pp 175-193.

NAL-TR-73

Grigor'yev, P. F.

Methods of thermal-strength testing of the nozzle
units of turbines of aviation GTE. 6 pgs.
PROCHNOST' I DINAMIKA AVIATSIONNYKH DVIGATELEY,
SBORNIK STATEY, No. 6, 1971.
AIR-FTD-HT-23-797-73

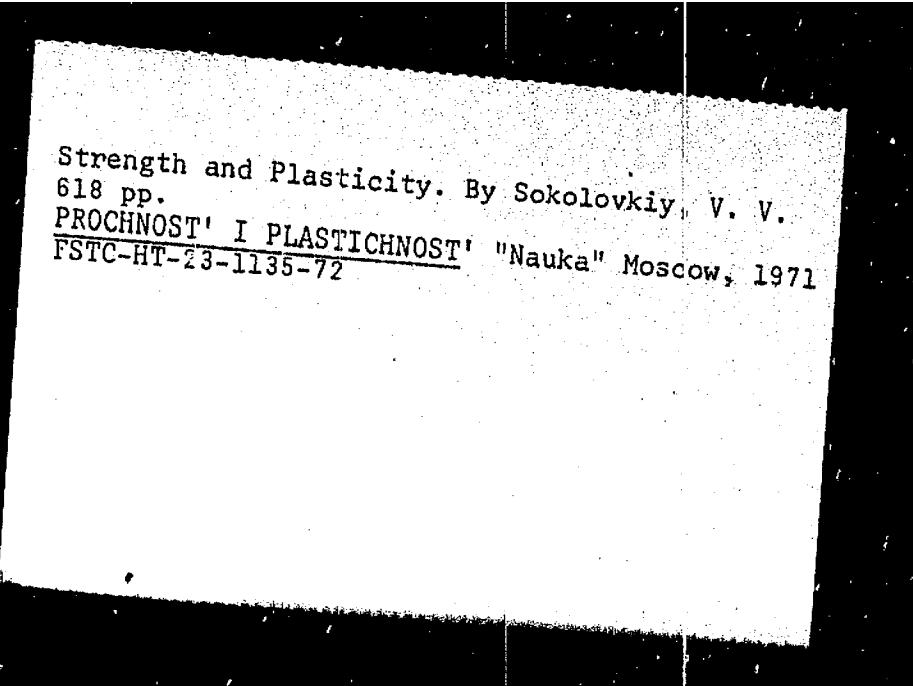


may 70

Nemets, Ya.

Strength of plastics. 370 pp.
PROCHNOST' PLASTMASS, 1970, pp 1-336
AIR/FTD-HC-23-1044-72

may 73



Strength and Plasticity. By Sokolovkiy, V. V.
618 pp.
PROCHNOST' I PLASTICHNOST' "Nauka" Moscow, 1971
FSTC-HT-23-1135-72

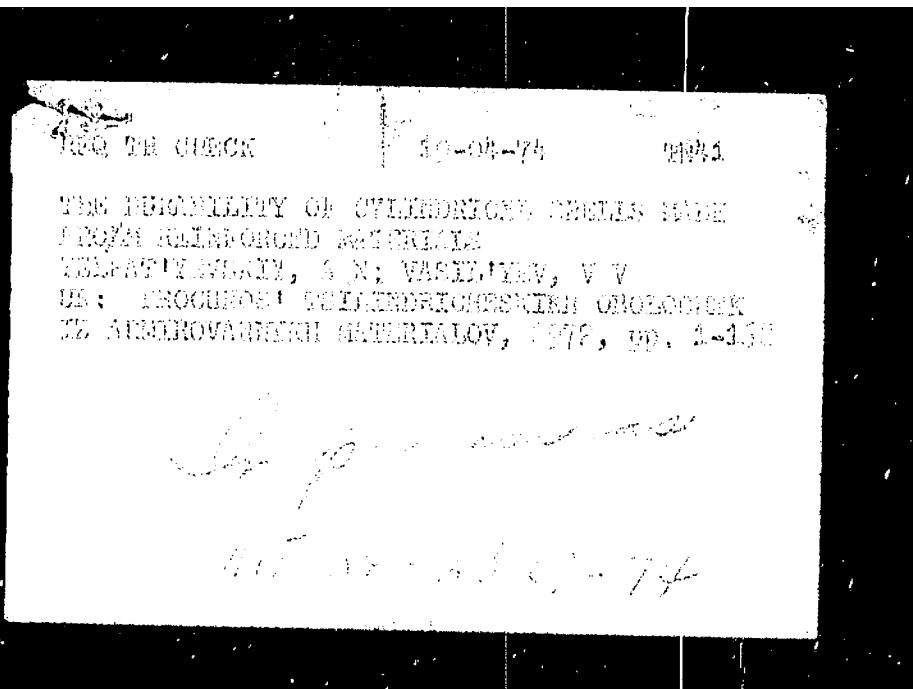
PROSPECTS FOR CONSTRUCTING A STRENGTH CRITERI
ON FOR COMPLEX LOADS

complete 17 pp

NOVOZHILOV, V., LANGUAGE-RU COUNTRY-UR

PROCHNOST' PRI MALOM CHISLE TSIKLOV NAGRUGH
(VUPMEKH. USTAL.), '69, 71-80

FSTC-HT-23-0663-74



STRENGTH OF HARD ALLOYS

KREYMER, G. S. LANGUAGE-RU COUNTRY-UR

PRUCHNUST' TVERDYKH SPLAVOV

"METALLURGIYA", 1971, 2ND ED., PP 201-215, 21
8-36(CH IV AND VI).

FSTC-HI-23-1746-73

BOLOTIN, V. V.
//PROCHEOST'-USTOYCHIVOST'-KOLEBANIYA//
---/---/1968, V0001, N----,
Principles of the reliability theory of mechanical
systems (Chapter VIII, 26 pp,
pp 164-182, AIR/FTD-MT-24-1005-74##

Vol'mir, A. S.

Flexible plates and membranes pp. 23
PROCHNOST'-USTOYCHIVOST' KOLEBANIYA, vol. 1,
1968, pp. 597-614

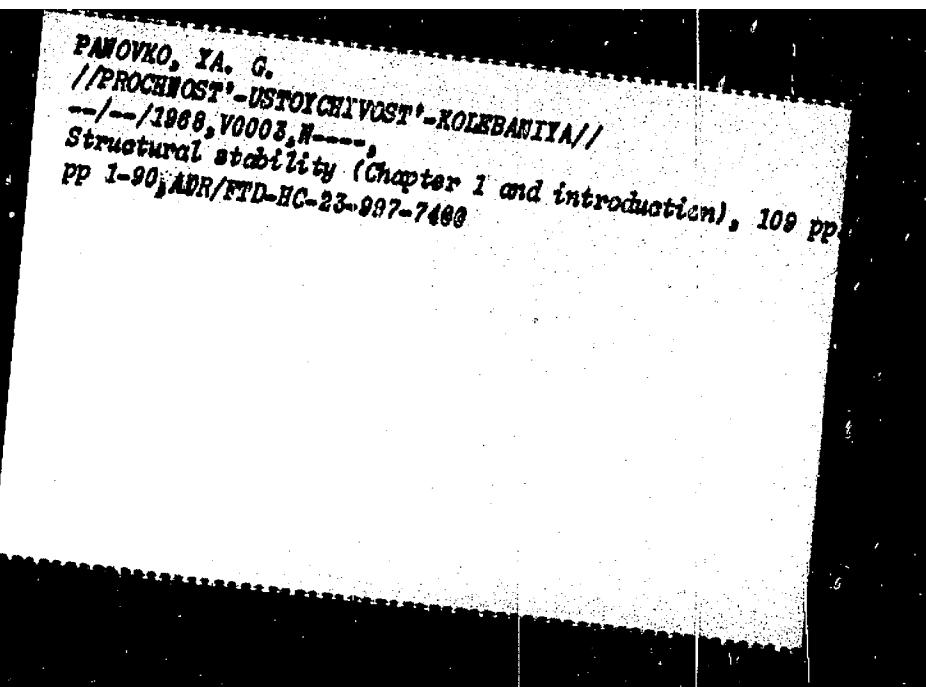
AIR/FTD-HT-23-1006-74

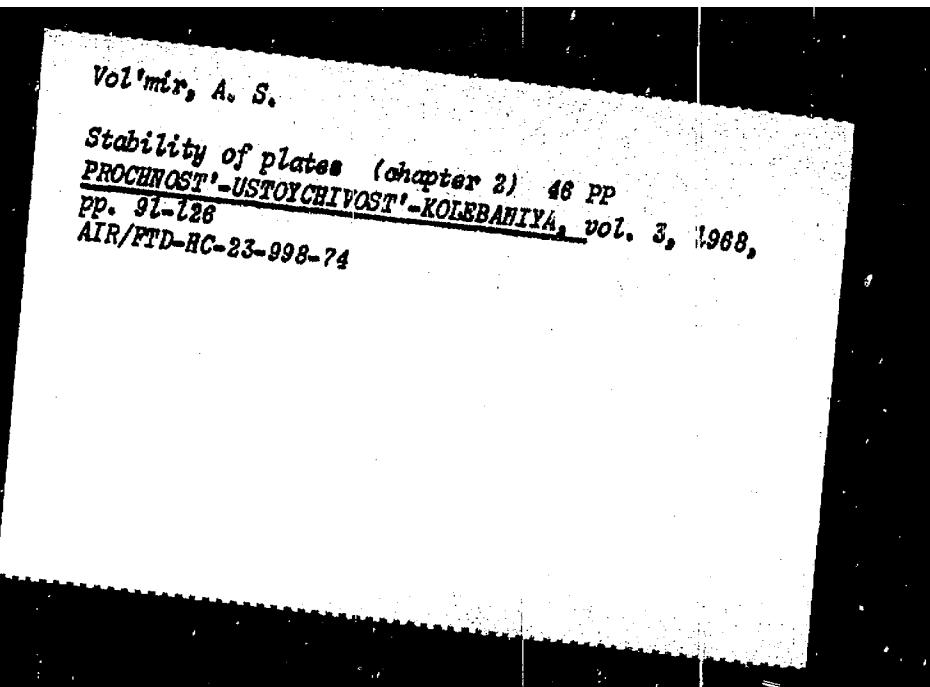
KACHANOV, L. M.
//PROCHNOST'-USTOYCHIVOST'-KOLEBANIYA//
--/--/1968, V0001, N----,
Plate calculation with plasticity and creep considered
(Chapter 19), 20 pp,
pp 615-628, AIR/FTD-HT-23-1007-7488

REPRODUCTION OF PAPER TAKING INTO ACCOUNT
THE FACTS AND CIRCUMSTANCES
ACTIVITIES, 1958,
WITH PROOF OF THE CHIEF VOICE IN KOLEBANIYA;
VOL. , 1958, pp. 315-318

Access in case

HT74-23-1007





VOL'MIR A. S
//PROCHNOST'-USTOYCHIVOST' KOLEBANIYA,//
--/--/1968, V9003, N----,
STability of shells , 12Hpp
pp 127-215, AIR/FTD-HC-23-999-74@0

Bolotin, V. V.

Parametric vibration of elastic systems preliminary
remarks (chapter 6) 33pp
PROCHNOST' USTOYCHIVOST' KOLEBANIYA, vol. 3, 1968,
pp. 347-369
AIR/FTD-HC-23-1000-74

BOLOTION, V. V.
//PROCHNOST'-USTOYCHIVOST'-KOLEBANIYA,//
---/---/1968, V0003, N----,
Vibrations of plates chapter 7, 55 pp
pp 370-417, AIR/FTD-HC-23-100/1-7400

Bolotin, V. V.

Vibrations of shells. Chapter 8. 62 pp.
PROCHNOST'-USTOYCHIVOST'-KOLEBANIYA, Vol 3, 1968,
pp 418-467
AIR/FTD-HC-23-1002-74

BOLOTION, V. V.
//PROCHNOST' USTOYCHIVOST' KOLEBANIYA, //
--/-/1968, V0003, N----,
Aerohydroelasticity, 73 pp Chapter 9
pp 478-512, AIR/FTD-HC-23-10003-7400